

ABSTRACT OF THE DISCLOSURE

The invention relates to a material for producing a corrosion- and wear-resistant layer on a substrate by thermal spraying. The material consists of at least 20 wt.-% - preferably more than 30 wt.-% - magnetite (Fe_3O_4 and/or FeFe_2O_4). Preferably, the inventive material consists of pure magnetite or of magnetite and at least one other metallic material or at least one intermetallic compound.